

FOR: TOBACCO INDUSTRY RESEARCH COMMITTEE

FOR RELEASE: Thursday, September 1, 1960

NEW GRANTS TO SCIENTISTS
MADE BY TOBACCO RESEARCH GROUP

Research grants totaling over \$523,000 have been made to 40 scientists so far in 1960 by the Tobacco Industry Research Committee, it was announced today by Chairman Timothy V. Hartnett.

The projects include work in such subjects as possible interaction of viruses and tobacco smoke, environmental factors and pulmonary disease, coronary artery disease, psychological differences between smokers and non-smokers, characteristics of aromatic hydrocarbons, effect of tobacco derivatives on arterial and myocardial tissue cultures, role of the nucleolus in normal and malignant cells, and the effect of negatively charged ions on human tracheo-bronchial ciliary action.

All grants are made by the Scientific Advisory Board, composed of nine doctors, scientists and educators who retain their institutional affiliations. Chairman of the Board is Dr. Kenneth Merrill Lynch, Chancellor of the Medical College of South Carolina, Charleston.

Mr. Hartnett said 20 of the 1960 grants were new and 20 were for continuation of work under way. Grants-in-aid by the Scientific Advisory Board to the TIRC have been made to over 100 independent scientists since mid-1954, and recipients have already published more than 120 research papers on their investigations, he said. TIRC has so far appropriated \$3,700,000 for its continuing research program.

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Attached is a list of recipients of new grants so far in 1960, their institutions and the titles of their projects.

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Recipients of new grants from the Tobacco Industry Research Committee in 1960, their institutions, and titles of their projects:

RALPH S. BECKER, Ph.D., Associate Professor of Chemistry, University of Houston, Texas. "An Investigation of the Spectral and Chromatographic Characteristics of Aromatic Hydrocarbons."

RICHARD J. BING, M.D., Professor and Head, Department of Medicine, Wayne State University College of Medicine, Detroit, Michigan. "The Effect of Smoking on Coronary Blood Flow in Patients with Arteriosclerotic Heart Disease," and "The Effect of Nicotine on Storage of Amines in Heart Muscle."

TOM G. BOWERY, Ph.D., Pesticide Residue Laboratory, Chemistry Department, North Carolina State College, Raleigh. "Endrin Residue Components in Cigarette Smoke."

RICHARD U. BYERKUM, Ph.D., Professor of Chemistry, Michigan State University, East Lansing. "Biosynthesis of the Pyridine Ring of Nicotine."

SISTER M. EMILY CAHILL, Ph.D., Chairman, Chemistry Department, Regis College, Weston, Massachusetts. "The Percent Recovery of Arsenic Added at Known Levels to Tobacco Samples and a Broad Survey of the Amount of Arsenic Present in Tobacco Samples from a Wide Variety of Sources."

ALBERT DAMON, M.D., Ph.D., Assistant Professor of Medical Anthropology, Department of Industrial Hygiene, Harvard School of Public Health, Boston, Massachusetts. "Body Form, Smoking, and Alcohol Consumption Among Italian-American Men."

HANS L. FALK, Ph.D., Senior Research Associate, Department of Pathology, School of Medicine, University of Southern California, Los Angeles. "The Effects of Tobacco Smoke Condensate on the Defense Mechanisms of the Rat in Detoxification of Polycyclic Aromatic Hydrocarbons and the Competitive Inhibition Between the Polycyclic Hydrocarbons in Condensate with Regard to Carcinogenesis."

HARVEY B. HAAG, M.D., Professor of Pharmacology, Medical College of Virginia, Richmond. Publication of a book to be entitled, "Tobacco: Experimental and Clinical Studies; A Comprehensive Account of the World Literature."

LAWRENCE L. HESTER, JR., M.D., Professor and Chairman, Department of Ob-Gyn, Medical College of South Carolina, Charleston. "The Relationship of the Use of Tobacco Products to the Outcome of Pregnancy."

JULIUS H. JACOBSON II, M.D., Associate Professor of Surgery, Director of Surgical Research, College of Medicine, University of Vermont, Burlington. "Lung Homotransplantation."

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ROBERT H. LINNELL, Ph.D., Associate Professor of Chemistry, University of Vermont, Burlington. "The Autoxidation of Nicotine."

CHRISTOPHER M. MARTIN, M.D., Assistant Professor of Medicine, Director, Division of Infectious Diseases, Seton Hall College of Medicine, Jersey City, New Jersey. "Interactions of Viruses and Substances in Tobacco Smoke Condensate."

FORDE A. McIVER, M.D., Assistant Professor in Pathology, Medical College of South Carolina, Charleston. "Environmental Factors and Pulmonary Disease. I. Asbestos Dust."

VICTOR A. MCKUSICK, M.D., Associate Professor of Epidemiology, Chief, Division of Medical Genetics, Johns Hopkins University School of Medicine, Baltimore, Maryland. "A Combined Genetic, Physiologic, Clinical and Epidemiologic Study of Buerger's Disease."

P. O'B. MONTGOMERY, JR., M.D., Associate Professor of Pathology, The University of Texas, Southwestern Medical School, Dallas. "The Investigation of the Role of the Nucleolus in the Normal and the Malignant Cell."

OTAKAR J. POLLAK, M.D., Ph.D., Executive Director, Dover Medical Research Center, Inc., Dover, Delaware. "Effect of Tobacco Derivatives on Arterial and Myocardial Tissue Cultures."

H.R. PRATT-THOMAS, M.D., Professor of Pathology, Medical College of South Carolina, Charleston. "Carcinogenesis in the Laboratory Animal: A Comparison of Species Response to Standardized Sites of Application."

BENSON B. ROE, M.D., Associate Professor of Surgery, Department of Surgery, University of California School of Medicine, San Francisco. "The Action of Negatively Charged Ions of Tracheo-Bronchial Ciliary Action in the Human Patient."

CARL C. SELTZER, Ph.D., Research Fellow in Anthropology, Harvard University, Peabody Museum, Cambridge, Massachusetts. "Harvard-Johns Hopkins Study of Body Form with Smoking, Precursors of Hypertension and Coronary Artery Disease."

CAROLINE BEDELL THOMAS, M.D., Department of Medicine, Johns Hopkins University, Baltimore, Maryland. a. "Completion of Studies on Smoker-Nonsmoker Differences Among Johns Hopkins Blood Bank Donors," b. "Continuation of Studies on Psychological Smoker-Nonsmoker Differences among Johns Hopkins Medical Students," c. "Continuation of Studies on the Ballistocardiographic Smoking Test."

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